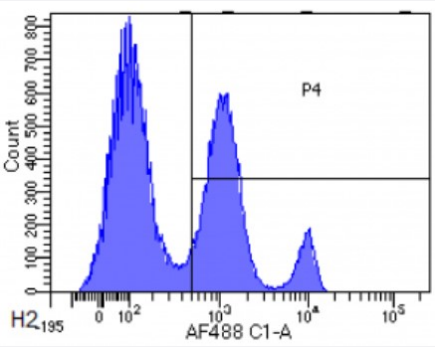
RecomAb™ HuAb

CD33 humanized monoclonal antibody, clone hP67.6 (Gemtuzumab)

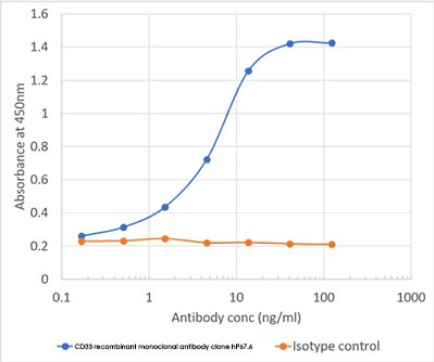
Catalog # RAB01141 Size 200 ug

Applications



Flow Cytometry

Human leukocytes were stained with an isotype control at a concentration of 1 ug/mL for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.



Enzyme-linked Immunoabsorbent Assay

ELISA Plate coated with human His-tagged CD33 at a concentration of 2 ug/mL. A 3-fold serial dilution from 10,000 to 0.1 ng/mL was performed using. For detection, a 1:4000 dilution of HRP-labelled anti-human kappa light chain antibody was used.

Specification

Product Description	Humanized recombinant monoclonal antibody raised against human CD33.
Antibody Species	Human
Immunogen	Original antibody is raised against by huminization of the murine P67.6 clone, raised against CD33-t ransfected FMY9S5 cells of human origin. CD33 is a transmembrane receptor expressed on predo minantly on cells of the myeloid lineage, but it can also be found on some lymphoid cells.
Reactivity	Human

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Specificity	Recognises human CD33.
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Protein A affinity purification
Isotype	IgG4, Kappa
Recommend Usage	ELISA Immunofluorescence The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS with 0.02% Proclin 300
Storage Instruction	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

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Gene Info — CD33

Entrez GeneID	945
Protein Accession#	P20138
Gene Name	CD33
Gene Alias	FLJ00391, SIGLEC-3, SIGLEC3, p67
Gene Description	CD33 molecule
Omim ID	159590
Gene Ontology	Hyperlink

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Other Designations	CD33 antigen|CD33 antigen (gp67)

Pathway

- Hematopoietic cell lineage

Disease

- Leukemia
- Neoplasm
- Tobacco Use Disorder

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